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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i>	Application Number		10809773
	Filing Date		2004-03-25
	First Named Inventor		Zbigniew Zurecki, et al.
	Art Unit		3744
	Examiner Name		Doerrler, William Charles
	Attorney Docket Number		06487 USA

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<i>rw</i>	1	3077802		1963-02-01	Philip	
<i>rw</i>	2	3979981		1976-09-01	Lightstone, et al.	
<i>rw</i>	3	4844047		1989-07-01	Brehm, et al.	
<i>rw</i>	4	6105374		2000-08-01	Kamody, Dennis J.	
<i>rw</i>	5	6652200		2003-11-01	Kraemer, Rolf H.	
<i>rw</i>	6	4083220		1978-04-11	Kobayashi, Massaru, et al.	
<i>rw</i>	7	3900975		1975-08-26	Lightstone, John Bernard, et al.	
<i>rw</i>	8	6874344		2005-04-05	Junius, Hans-Toni, et al.	

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<i>Zw</i>	9	6564682		2003-05-20	Zurecki, Zbigniew, et al.	
<i>Zw</i>	10	6513336		2003-02-04	Zurecki, Zbigniew, et al.	
<i>Zw</i>	11	6675622		2004-01-13	Plicht, Guido, et al.	
<i>Zw</i>	12	4829869		1989-05-16	Katada, Naota, et al.	
<i>Zw</i>	13	6305183		2001-10-23	Mukai, Ryohei, et al.	
<i>Zw</i>	14	5025547		1991-06-25	Sheu, Shen, et al.	
<i>Zw</i>	15	4547470		1985-10-15	Tanase, et al.	
<i>Zw</i>	16	5432132		1995-07-11	Dasgupta, et al.	
<i>Zw</i>	17	5449647		1995-09-12	Brandt	
<i>Zw</i>	18	5597272		1997-01-28	Moriguchi	
<i>Zw</i>	19	6010283		2000-01-04	Henrich, et al.	

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20	6017172	2000-01-25	Ukegawa, et al.
21	6202525	2001-03-01	Hendrickson, et al.
22	4666665	1987-05-01	Hornsby, et al.
23	6330818	2001-12-01	Jain, Sulekh Chand
24	4788842	1988-12-01	Kopp, et al.
25	3650337	1972-03-01	Andrews, et al.
26	6360577	2002-03-01	Austin, Michael
27	5761941	1988-06-01	Matsui, et al.
28	4404827	1983-09-01	Van den Sype, Jaak S.
29	6332385	2001-12-01	Kautto, et al.
30	3751780	1973-08-01	Villalobos, Humberto Fernandez-Moran

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24	31	2641047		1953-06-09	Jackman, George W., et al.	
25	32	3571877		1971-03-23	Zerkle, Ronald D.	
26	33	4848198		1989-07-18	Royal, Harold J., et al.	
27	34	5237894		1993-08-24	Lindeke, Richard R.	
28	35	5716974		1998-02-10	Carnaggi, Giovanni, et al.	
29	36	5799553		1998-09-01	Samir, Billatos B.	
30	37	3889520		1975-06-01	Stoferle, et al.	
31	38	6053669		2000-04-01	Lagerberg, Stig	
32	39	6815362		2004-11-09	Wong, et al.	

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<i>zwd</i>	1	20070175255	A1	2007-08-02	H. Pawelski, et al.	
<i>zwd</i>	2	20050016337		2005-01-27	Zurecki, Zbigniew, et al.	
<i>zwd</i>	3	20050211029		2005-09-29	Zurecki, Zbigniew, et al.	
<i>zwd</i>	4	20050011201		2005-01-20	Zurecki, Zbigniew, et al.	
<i>zwd</i>	5	20040154443		2004-08-12	Zurecki, Zbigniew, et al.	
<i>zwd</i>	6	20040237542		2004-12-02	Zurecki, Zbigniew, et al.	
<i>zwd</i>	7	20040232258		2004-11-25	Cerv, Horst, et al.	
<i>zwd</i>	8	20040234350	A1	2004-11-01	Jager, et al.	
<i>zwd</i>	9	20020150496		2002-10-01	Chandrasekar, et al.	
<i>zwd</i>	10	20020189413		2002-12-01	Zurecki, et al.	
<i>zwd</i>	11	20040043626		2004-03-04	Chou San, et al.	

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<i>WCS</i>	1	1580284	EP	A2	2005-09-28	Air Products and Chemicals, Inc.	<input type="checkbox"/>	<input type="checkbox"/>
<i>WCS</i>	2	0842722	EP	A1	1998-05-20	Sandvik Aktiebolag	<input type="checkbox"/>	<input type="checkbox"/>
<i>WCS</i>	3	92/16464	WO	A1	1992-10-01	AGA Aktiebolag	<input type="checkbox"/>	<input type="checkbox"/>
<i>WCS</i>	4	6330077	JP	A2	1994-11-29	Tomoyuki, Sugita, et al.	<input type="checkbox"/>	<input type="checkbox"/>
<i>WCS</i>	5	4326517	DE	A1	1993-08-06	Linde AG	<input type="checkbox"/>	<input type="checkbox"/>
<i>WCS</i>	6	2724337	FR	A1	1996-03-15	Societe Industrielle, et al.	<input type="checkbox"/>	<input type="checkbox"/>
<i>WCS</i>	7	200065291	JP	A1	2000-03-03	Kuroda Precision Industries, Ltd.	<input type="checkbox"/>	<input type="checkbox"/>
<i>WCS</i>	8	2000296438	JP	A1	2000-10-24	Ebara Corporation	<input type="checkbox"/>	<input type="checkbox"/>
<i>WCS</i>	9	2804492	FR	A1	2001-08-03	Carboxyque Francaise Scoiete	<input type="checkbox"/>	<input type="checkbox"/>

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<i>m</i>	10	1637257	EP	A1	2006-03-22	Ghosh, Ranajit		<input type="checkbox"/>
<i>ws</i>	11	19600172	DE	A1	1997-08-14	Heinecke		<input type="checkbox"/>
<i>ws</i>	12	0945222	EP	A2	1999-09-29	Hashimoto		<input type="checkbox"/>
<i>ws</i>	13	328397	JP		1953-11-17	Thomas, Bruce, Philip		<input type="checkbox"/>
<i>ws</i>	14	6031502	JP	A1	1994-02-08	Sato Genichi		<input type="checkbox"/>
<i>ws</i>	15	11320328	JP	A1	1999-11-24	Ulkai Hisashi		<input type="checkbox"/>
<i>ch</i>	16	11156669	JP	A1	2007-12-13	Suzuki Toshiyuki		<input type="checkbox"/>
<i>ws</i>	17	03/002277	WO	A1	2003-01-09	SMS Demag		<input type="checkbox"/>
<i>ws</i>	18	2005/120739	WO	A1	2005-12-22	SMS Demag		<input type="checkbox"/>
<i>ms</i>	19	0711663	EP	B1	1999-07-14	Ilchinose, Shiro		<input type="checkbox"/>
<i>ms</i>	20	19730539	DE	C1	1999-04-08	Fraunhofer-Gesellschaft Zur Foerderung Der Angewan		<input type="checkbox"/>

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<i>WJ</i>	21	98/10893	WO	A1	1998-03-19	FSI International, Inc.	<input type="checkbox"/>
<i>WJ</i>	22	2000252079	JP		2000-09-14	Honda Motor Co. Ltd.	<input type="checkbox"/>
<i>WJ</i>	23	2002059336	JP		2002-02-26	Mitsubishi Heavy Ind. Ltd	<input type="checkbox"/>
<i>WJ</i>	24	09-300172	JP		1997-11-25	Matsushita Electric Ind. Co. Ltd.	<input type="checkbox"/>
<i>WJ</i>	25	63-62637	JP		1988-12-02		<input type="checkbox"/>
<i>WJ</i>	26	8-276564	JP		1996-10-22	Ichinose Shiro	<input type="checkbox"/>
<i>WJ</i>	27	87102713	CN		1988-04-06		<input type="checkbox"/>

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<i>WJ</i>	1	HONG, SHANE Y., et al., Micro-temperature Manipulation in Cryogenic Machining of Low Carbon Steel, Elsevier Journal of Materials Processing Technology 116 (2001) pgs. 22-30	<input type="checkbox"/>
<i>WJ</i>	2	"Mechanical Engineering Handbook (2nd Edition)", Editorial Board of Mechanical Engineering Handbook and Electrical Engineering Handbook, p. 1-16, 1-30, 4-3 and 2-41, China Machine Press	<input type="checkbox"/>

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Examiner Signature	<i>Will C Doerrler</i>	Date Considered	1-7-06
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<i>zw</i>	1	09870853		2001-05-31	Zurecki, Zbigniew et al.	
<i>zw</i>	2	10066830		2002-02-04	Zurecki, Zbigniew et al.	
<i>zw</i>	3	09951195		2001-09-13	Zurecki, Zbigniew et al.	
	4	10809773 <i>This app</i>		2004-03-25	Zurecki, Zbigniew et al.	
<i>zw</i>	5	11221718		2005-09-09	Ghosh, Ranajit, et al.	
<i>zw</i>	6	11250346		2005-10-14	Zurecki, Zbigniew et al.	

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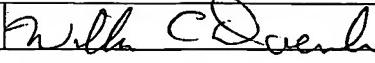
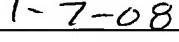
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